EYEZONE

PA15B1080P / PA17B1080P
PA19B1080P / PA22B1080P

User Manual

Aug 20, 09

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1. PACKAGE CONTENTS

1. PA15/ 17 /19/ 22B1080P
2. User Manual
3. Remote Control
4. CF Card Protective Cover
5. Power Adapter

PA19B1080P

User Manual

Remote Control

CF Card
Protective Cover

Power Adapter
(DC 12V, 4.16A)

2. INTRODUCTION

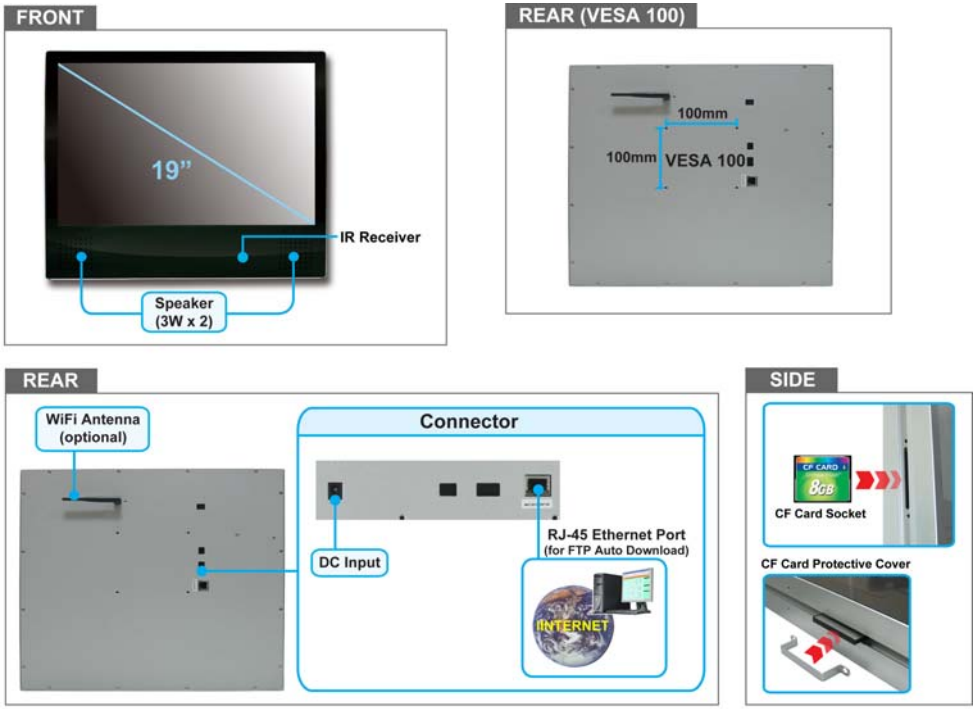
The Eyezone PA15/ 17/ 19/ 22B1080P is a Network HD Digital Signage that plays media files (supports WMV9) without a computer. It uses media files from CF memory card and displays them on a 15”/ 17”/ 19”/ 22” TFT-LCD with audio-out from the built-in speakers. The media files can be automatically updated at the specific time from an FTP server

With the VESA standard hole (100mm x 100mm), you can mount the PA15/ 17/ 19/ 22B1080P on the wall. The Eyezone PA15/ 17/ 19/ 22B1080P is an ideal Digital Signage Display solution for advertising, presentations, training, and other media applications.

3. FEATURES

- Supports multiple file formats: Music (WMA), Picture and Movie (WMV9).
- Built-in 15”/ 17”/ 19”/ 22” TFT-LCD display and stereo speakers.
- Supports resolution up to 1280 x 1024 (17”/ 19”/ 22”) and 1024 x 768 (15”).
- **Support VESA 100 (100mm x 100mm)**.
- Includes a full-function infrared remote control.
- Connect using an Ethernet network cable at up to 100Mbps.
- Supports CF memory cards. (Suggest using the high speed (150X) CF card)
- **Supports HTTP Control Function**
- **Supports Auto Key Lock Function**
- **Exports the Configuration Value:** You can export the configuration value to the CF card. The configuration value can be modified on your PC, and can be applied to the PA15/ 17/ 19/ 22B1080P or others.
- **Supports FTP Auto Download Function:** Connect to Remote FTP server and download data to the CF card automatically.
- **Supports Download Pause / Resume Function:** Continue unfinished downloads upon next session.
- Embedded FTP Server.
- Supports NTP Network (G.M.T) Timer.
- Supports Universal Plug and Play (UPnP) and DHCP.
- **Supports SLIDE SHOW Function.**

4. HARDWARE OVERVIEW



- **Speakers:** Build-in speakers (3W x 2).
- **VESA Hole:** Provides VESA Hole (100 x 100 mm) for wall-mounted purpose.
- **DC Input:** Connect the provided power adapter (DC 12V, 4.16A).
- **RJ45 Ethernet Port:** For connects to 10Base-T Ethernet cabling or 100Base-TX Fast Ethernet cabling.
- **CF Card Socket**.

5. REMOTE CONTROL

1 Power on/ off
2 Select the output mode
3 Numeric Key
4 Delete last entry
5 Select a function or to play the selected file
6 Open the setup menu Mute sound
7 OSD display function on/ off
8 Auto-play function on/ off
9 Mute sound
10 Volume up/ down
11 Move the cursor
12 Confirm the selection/ entry
13 Go back one layer
14 Select the TV type (NTSC/ PAL)
15 Shuffle on & off
16 Play the file selected
17 View the previous/ next file
Play the previous/ next file if in playback
18 Select the repeat mode
19 Rewind/ forward movie or music files
20 Stop playback
21 Show the information of the file selected
22 Search video (movie) timeframe
23 Zoom in/ out on the movie or picture
24 Pause the playback or play frame by frame

5.1 ENTERING TEXT OR IP ADDRESS

- Keys need to be pressed multiple times to enter the letter corresponding to that key.
  For Example: To enter the letter “a”. You would press the button “2” twice.
- **Enter The IP Address**
  For Example: To enter the IP address”192.168.100.100”,
  Step 1: Press “1” once, then “1” is displayed, and the color of “1” is orange.
  Step 2: When the color of “1”turns white, press “9” once, then “9” is displayed.
  Step 3: Repeat steps 1 and 2 to enter and complete the IP address.

6. START THE PA15/ 17/ 19/ 22B1080P

- **Power On**
  - Insert the CF memory card that has Picture, Music, Movie or WMV9 files.
  - Connect the power adapter and the PA15/ 17/ 19/ 22B1080P will power on automatically.

NOTE: The PA15/ 17/ 19/ 22B1080P can't be turned on without inserting the CF card.

- **Status After Power On**
  - **Status 1:** If the "AUTOPLAY (Movie, Picture or All Files)" function is enabled and there are media files on the CF card, the PA15/ 17/ 19/ 22B1080P will auto play media files after power on.
  - **Status 2:** If the "AUTOPLAY" function is disabled, after power on the main menu will appear as shown in the following figure. There are two groups in the main menu ("/mnt/CF" and "SETUP").

NOTE: The pop-up window that shows the IP address will appear later, if DHCP mode is selected when the PA15/ 17/ 19/ 22B1080P is turned on.

7. SETTING UP

- In the main menu, using the "▼" button on remote control to select the "**SETUP**" item, and then press the "ENTER" button. You will be presented with the PA15/ 17/ 19/ 22B1080P settings screen.
- You can also press the "**SETUP**" button on remote control to directly open the settings screen. (If there is file that is being play, please stop first.)
- There are three groups of sub-menu in the main menu ("Network Setup", "FTP Setup" and "Other Setup").
- In the settings screen, you can use the "▲、▼、◄、►" buttons to select an item, and press the "ENTER" button to confirm the selection.
- Press the "SETUP" button on remote control to save and quit the settings screen.

7.1 NETWORK SETUP

- **Network with:** Select your network connection Disable/ RJ45.
- **IP Assigned by DHCP:** If you have a DHCP-enabled router, please select "On", and then the router will automatically assigns an IP address to the PA15/ 17/ 19/ 22B1080P. If you don't have a DHCP –enabled router, select "Off" and type the network information in "**Assign IP Address**".

7.1 NETWORK SETUP (continued)

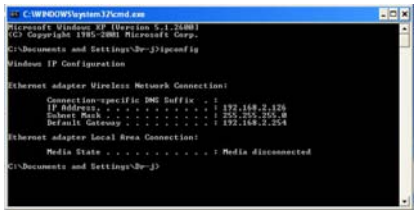
- **Assign IP Address:** If the PA15/ 17/ 19/ 22B1080P is connected to a network without a DHCP server or you want to use Local FTP Server function, enter the fixed IP address, Mask, Gateway and DNS for the PA15/ 17/ 19/ 22B1080P.

  PS. Refer to 5.1 for how to enter IP address by remote control.

NOTE: Before setting the IP address, Mask, Gateway and DNS, check the network information of your PC. Please follow the steps below to get the network information of your PC.

Step 1: Click on "Start" → "Run" and type in "command", then press "ENTER".

The MS-DOS window will appear, type in "ipconfig" and then press "ENTER" to get the network information.



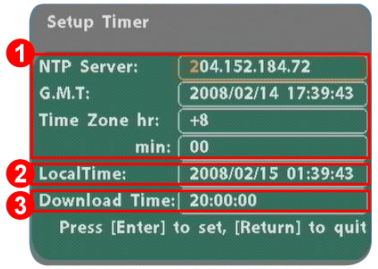
Step 2: Assign IP Address, Mask (Subnet Mask) and Gateway (Default Gateway) for the PA15/ 17/ 19/ 22B1080P.

Enter the same values of the Subnet Mask and Gateway, and be careful not to enter the values of IP address that are already used by other devices on the network.

- **Media Player 11 Server:** Enable/ disable the Media Player 11 server.

7.2 FTP SETUP

- **Local FTP Server:** Turn on/ off the PA15/ 17/ 19/ 22B1080P server.
  (If you use the PA15/ 17/ 19/ 22B1080P server, please disable the DHCP function and input a fixed IP address, Mask, Gateway and DNS of the PA15/ 17/ 19/ 22B1080P)
- **Local FTP Server Setup:** Set the "Port", "User ID" and "Password" of the PA15/ 17/ 19/ 22B1080P (The Default Port: 21, User ID: root, Password: admin)
- **FTP Auto Download:** Enable/ Disable the FTP auto download function.
- **Remote FTP Download Setup**
  - **Server IP:** Enter the domain name or IP address of the FTP as was given to you by your Web hosting provider.
  - **Port:** The default port for FTP is 21. In most cases you should not change this number. If the FTP site uses a port other than 21, you should enter the correct port.
  - **User ID:** Enter the user name of the Remote FTP server.
  - **Password:** Enter the Password of the Remote FTP server.
  - **FTP Path:** Enter the folder path that you want to share.
- **NTP Server:** Enable/ Disable the NTP server function. (if the PA15/ 17/ 19/ 22B1080P isn't connect to internet, please disable the NTP Server function)
- **Time Setup:** Set the **NTP Server**, **Local Time** and **Auto Download Time** here.



① **NTP Server** (the PA15/ 17/ 19/ 22B1080P must be already connected to the network)

- NTP Server: Enter the NTP server IP address like: 204.152.184.72.
- G.M.T: After PA15/ 17/ 19/ 22B1080P get the time from NTP server, it will update the G.M.T field.
- Time Zone: Use the **Volume +**, **-** and **Numeric Key** to set the time zone of your location. (time zone must be set properly for the **Auto-Download** and **Schedule** functions)

NOTE: GMT and applied regions

Time Zone	Region
(GMT-12:00)	Eniwetok, Quazalen
(GMT-11:00)	Midway, Ireland, Samoa
(GMT-10:00)	Hawaii
(GMT-09:00)	Alaska
(GMT-08:00)	Pacific GMT (U.S. & Canada); Tijuana
(GMT-07:00)	Continental GMT (U.S. & Canada)
(GMT-07:00)	Arizona
(GMT-06:00)	Mexico city
(GMT-06:00)	Saskatchewan
(GMT-06:00)	Eastern Coast GMT (U.S. & Canada)
(GMT-06:00)	Indiana (Eastern Coast)
(GMT-04:00)	Atlantic GMT (Canada)
(GMT-04:00)	Santiago
(GMT-04:00)	Caracas, La Paz
(GMT-04:00)	Newfoundland
(GMT-03:00)	Greenland
(GMT-03:00)	Buenos Aires, Georgetown
(GMT-03:00)	Brasilia
(GMT-02:00)	Mid-Atlantic
(GMT-01:00)	Capo Verde Is.
(GMT-01:00)	Azores
(GMT-00:00)	Greenwich GMT; Dublin, Edinburgh, Lisbon, London
(GMT-00:00)	Casablanca, Monrovia
(GMT+01:00)	Beograd, Bratislava, Budapest, Ljubljana, Prague
(GMT+01:00)	Brussels, Copenhagen, Madrid, Paris
(GMT+01:00)	Sarajevo, Skopje, Sofia, Vilnius, Warsaw, Zagreb
(GMT+01:00)	Midwest Africa
(GMT+01:00)	Amsterdam, Berlin, Bern, Rome, Stockholm, Vienna
(GMT+02:00)	Bucharest
(GMT+02:00)	Athens, Istanbul, Minsk
(GMT+02:00)	Jerusalem
(GMT+02:00)	Cairo
(GMT+02:00)	Harare, Pretoria

Time Zone	Region
(GMT+02:00)	Helsinki, Riga, Tallinn
(GMT+03:00)	Nairobi
(GMT+03:00)	Moscow, Saint Petersburg, Volgograd
(GMT+03:00)	Baghdad
(GMT+03:00)	Kuwait, Raid
(GMT+03:30)	Tehran
(GMT+04:00)	Baku, Tbilisi, Ere van
(GMT+04:00)	Abu Dhabi, Muscat
(GMT+04:30)	Kabul
(GMT+05:00)	Yekaterinburg
(GMT+05:00)	Islamabad, Karachi, Tashkent
(GMT+05:30)	Calcutta, Chennai, Mumbai, New Delhi
(GMT+05:45)	Katmandu
(GMT+06:00)	Sri Jayewardenepura Kotte
(GMT+06:00)	Astana, Dakar
(GMT+08:00)	Irkutsk, Ulan Bator
(GMT+08:00)	Kuala Lumpur, Singapore
(GMT+08:00)	Taipei
(GMT+08:00)	Perth
(GMT+09:00)	Seoul
(GMT+09:00)	Yakutsk
(GMT+09:00)	Osaka, Sapporo, Tokyo
(GMT+09:30)	Darwin
(GMT+09:30)	Adelaide
(GMT+10:00)	Guam, Port Moresby
(GMT+10:00)	Brisbane
(GMT+10:00)	Vladivostok
(GMT+10:00)	Canberra, Melbourne, Sydney
(GMT+10:00)	Hobart
(GMT+11:00)	Magadan, Solomon Is., New Caledonia
(GMT+12:00)	Auckland, Wellington
(GMT+12:00)	Fiji, Kamchatka Pen., Marshall Is.
(GMT+13:00)	Nuku'alofa

② **Local Time:** Set the system time manually.

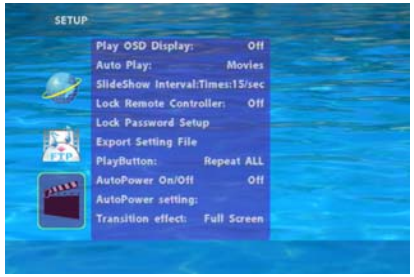
NOTE: If the **NTP Server** and **Local Time** have been set, the NTP Server will be the first priority (the PA19B1080P is already connected to the network).

③ **Download Time:** Set the FTP auto-download time.

- **Local HTTP Server:** Enable/ Disable the HTTP command function.
- **Local HTTP Server Setup:** To set the "Port", "User ID" and "Password" of the PA15/ 17/ 19/ 22B1080P. (The Default Port: 80, User ID: root, Password: admin)

NOTE: Press the "SETUP" button on the remote control to save the settings, and it will auto exit the settings screen, then restart the PA15/ 17/ 19/ 22B1080P.

7.3 OTHER SETUP



- **Play OSD Display:** Enable or disable the OSD display.
- **Auto Play**

  - Movies: Auto play movie files on the CF card after power on.
  - Pictures: Auto play picture files on the CF card after power on (slideshow function).
  - All Files: Auto play all the media files on the CF card after power on.
  - Off: Turn off the Auto Play function.
- **SlideShow Interval Times:** Set the time each photo is shown (10/ 15/ 30 seconds, 1/ 10/ 15/ 30 minutes or 1 hour).
- **Lock Remote Controller:** Enable/ disable the auto key lock function. (The PA15/ 17/ 19/ 22B1080P will auto lock when there is no further input for 1 minute.)
- **Lock Password Setup:** Press the "Enter" button to open the "Set Password" window. Enter the password with numeric buttons and press the "Enter" button to save the new password (The default password: 123).

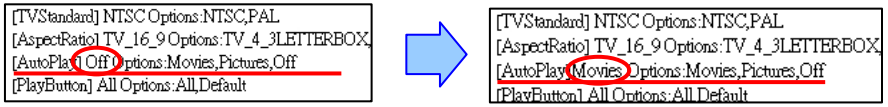
7.3 OTHER SETUP (continued)

- **Export Setting File:** Press the “Enter” button to export the configuration value to the CF card.

  - Copy the file “HDPlayerSetting.txt” on CF card to your PC. Use the “Wordpad” to open the file, and you can see all the configuration value of PA15/ 17/ 19/ 22B1080P.
  - You can modify directly the configuration value on your PC.

    Example. [AutoPlay] Off Options: Movies, Pictures, Off

    The “Auto Play” function is turned off, you can change directly the mode to Movies or Pictures.



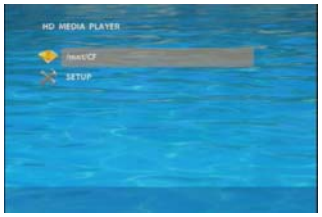
  - Copy the completed file “HDPlayerSetting.txt” from PC to CF card. Insert the CF card to the PA15/ 17/ 19/ 22B1080P, the PA15/ 17/ 19/ 22B1080P will apply the new settings automatically.
- **Play Button:** Only for used with play buttons. The PA15/ 17/ 19/ 22B1080P supports two options (Repeat Default / Repeat All) when the demo file finishes playing.
- **Auto Power On/ Off:** Enable/ Disable the Auto Power On/ Off function.
- **Auto Power Setting:** Set the time of power on/ off.

- **Transition effect:** Set transition effects between photos.

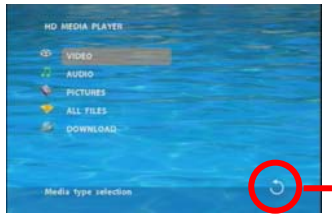
8. USING THE PA15/ 17/ 19/ 22B1080P

8.1 PLAY MEDIA FILES ON THE CF CARD

Step 1: Insert the CF card with media files, then turn on the PA15/ 17/ 19/ 22B1080P and press the “ENTER” button on the remote control when “’mnt/CF” is highlighted to take you into the CF card.



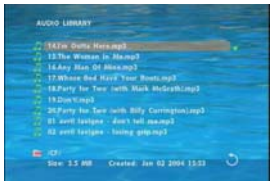
Step 2: Select the type of data (VIDEO/ AUDIO/ PICTURES) you want to play, and then press the “ENTER” button on remote control to take you into the “VIDEO LIBRARY”, “AUDIO LIBRARY” or “PICTURE LIBRARY”. You can also select the **ALL FILES** item, and it will list all the media files on the CF card



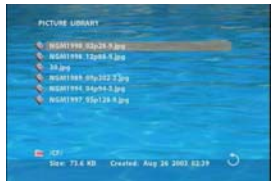
PS. If the symbol (return) appears on the screen, you can use “**RETURN**” button of the remote control to go back one layer.

Step 3: Select the file you want to play, and press “ENTER” or “PLAY” button on the remote control to play the file.

VIDEO LIBRARY



AUDIO LIBRARY



PICTURE LIBRARY

8.1.1 Using the Remote Control When Media File Is Playing

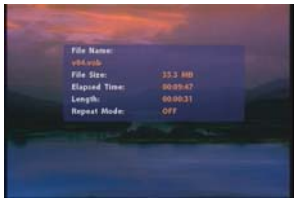
- **SETUP:** Press the button to adjust the brightness, contrast or saturation while the **video** or **picture** is playing. With the "+ VOLUME –" button.
  - **First Press:** Adjust the brightness.
  - **Second Press:** Adjust the contrast.
  - **Third Press:** Adjust the saturation.

Brightness

Contrast

Saturation

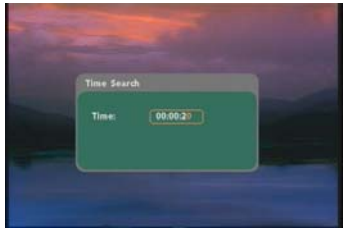
- **MUTE:** Mute the sound while the movie or music is playing.
- **+ VOLUME -:** Increase/ decrease the volume while the **video** or **music** is playing.
- **SHUFFLE:** Turn on/ off the shuffle function.
- **PREV / NEXT:** Play the previous/ next file.
- **REPEAT:** Select the repeat mode.
- **REV / FWD:** Rewind/ forward movie or music file.
- **STOP:** Stop playing, and go back one layer.
- **INFO:** Display the file information.



File Information

- **SERACH:** Search video (movie) timeframe

  Press the "SEARCH" button, and enter the initial time that you want to start at, then press the "ENTER" button to play.



- **PAUSE/STEP:** Pause the playback or play frame by frame.
- **ZOOM:** Zoom in/ out on the movie or picture.

Original Size

First Press：ZOOM 01

Second Press：ZOOM 02

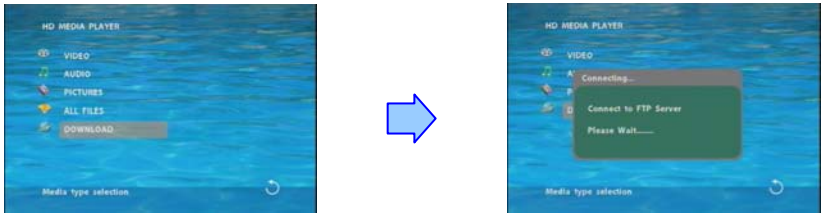
Third Press：ZOOM 03

8.2 DOWNLOAD FUNCTION

Before it downloading files from the FTP server, PA15/ 17/ 19/ 22B1080P will delete all contents on CF card except the file on the CF card and the FTP server are the same.

8.2.1 Manual Download Function

- Please confirm that the PA15/ 17/ 19/ 22B1080P is already connected to the network. (Refer to 7.1 Network Setup)
- Please use the"▼"button to select the "DOWNLOAD" item, and press "ENTER" button.
  The PA15/ 17/ 19/ 22B1080P will connect to the FTP server and download files automatically.
- Before download files, PA15/ 17/ 19/ 22B1080P will delete all contents on CF card first.

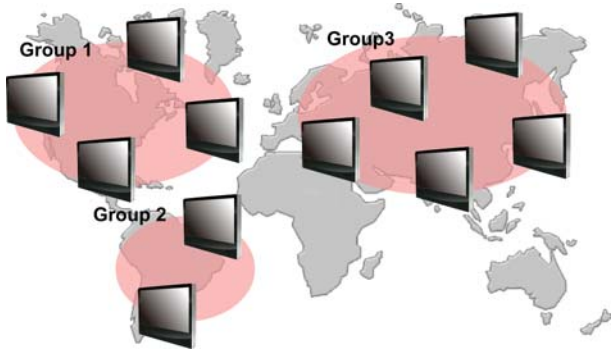


- The pop-up window that shows the status of download and the screen saver will appear while the PA15/ 17/ 19/ 22B1080P is downloading files. After finishing downloading files, the PA15/ 17/ 19/ 22B1080P will display the files automatically.

Screen Saver

8.2.2 Auto Download Function

- If there is more than one PA15/ 17/ 19/ 22B1080P, you can use ftp tools to divide them into different regional group.



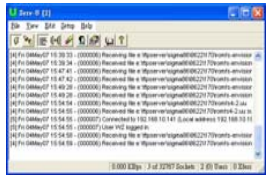
For example.

- Use the ftp tool "**Serv-U**" to divide into three groups, and setup the "User name", "Password" and "FTP port number" of three groups for login ftp server.

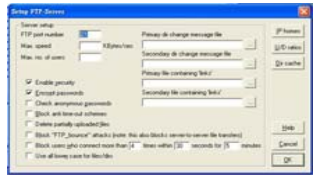
Group 1: User name: ipmedia/ Password: 0000/ FTP port number: 21

Group 2: User name: ipmedia2/ Password: 1111/ FTP port number: 21

Group 3: User name: ipmedia3/ Password: 2222/ FTP port number: 21



FTP tool：Serv-U



Setup "User name", "Password" and "FTP port number"

- Enter the "**Remote FTP Download Setup"** window of PA15/ 17/ 19/ 22B1080P, and then type the same "User name (User ID)", "Password" and "Port". The PA15/ 17/ 19/ 22B1080P in group 1, please type the "User ID: ipmedia", "Password: 0000" and "Port: 21".

- Please enter the "**Time SETUP**" window of PA15/ 17/ 19/ 22B1080P, and set up the "**Download Time**", then the PA15/ 17/ 19/ 22B1080P will download all the files from the FTP server at the designated time.

NOTE: The filename of the media files in FTP server cannot have any spaces.

8.2.3 Download Pause / Resume

The PA15/ 17/ 19/ 22B1080P supports download pause/resume. You can press the “STOP” button to pause downloading media files. The PA15/ 17/ 19/ 22B1080P can continue unfinished downloads upon next session.

NOTE: If the network connection is unstable or broken, a pop-up window will appear as shown below. The PA15/ 17/ 19/ 22B1080P will attempt to resume downloading in 2 minutes. The user can terminate the download by pressing the “RETURN” button.

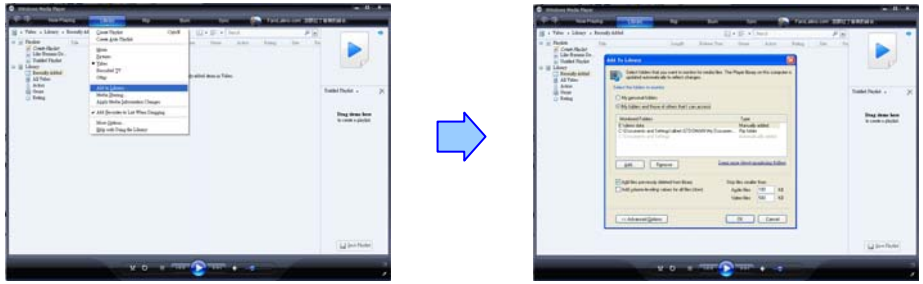
8.3 PLAY THE MEDIA FILES ON THE PC

■ **Using Windows Media Player Version 11 (Windows XP/ Vista only)**

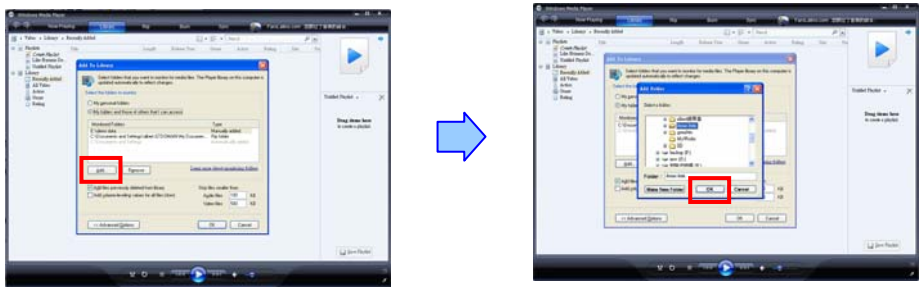
Step 1: Please download and install Windows Media Player Version 11 on your PC first.

Step 2: Launch the Windows Media Player Version 11 and the window below will appear.

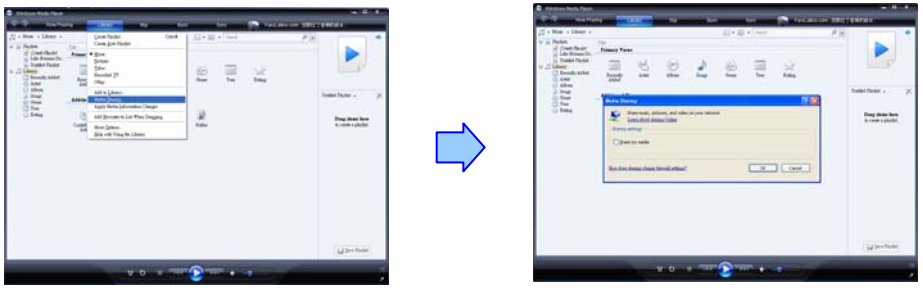
Step 3: Click the “Library” tab, and then click “Add to Library”.



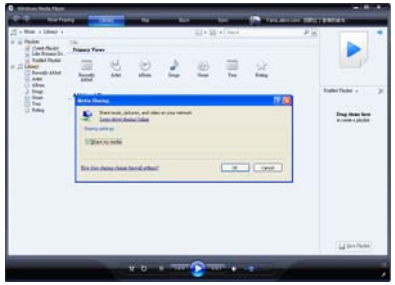
Step 4: Click “Add” and select the folder containing the media files you want to share, and then click on the “OK” button.



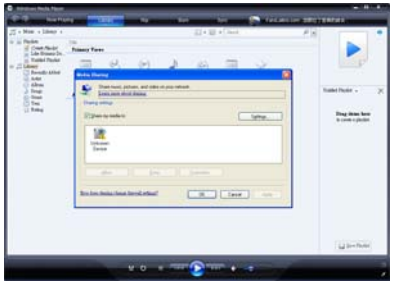
Step 5: Click the “Library” tab, and then click “Media Sharing”.



Step 6: Select the “Share my media”, and click “OK”.



Step 7: In the Media Sharing dialog box, select the “Share my media” check box.

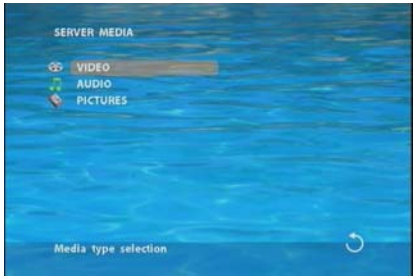


Step 8: Confirm that the PA15/ 17/ 19/ 22B1080P is connected to the network.

In the list of devices below the “Share my media to” check box, select the device (PA15/ 17/ 19/ 22B1080P), and click “Allow” to share the media files.

Step 9: The shared folder will appear on the screen of the PA15/ 17/ 19/ 22B1080P. Select the folder and click the “ENTER” button on remote control to go into the folder.

Step 10: Select the type of data (VIDEO/ AUDIO/ PICTURES) you want to play, and then press the “ENTER” button on remote control.

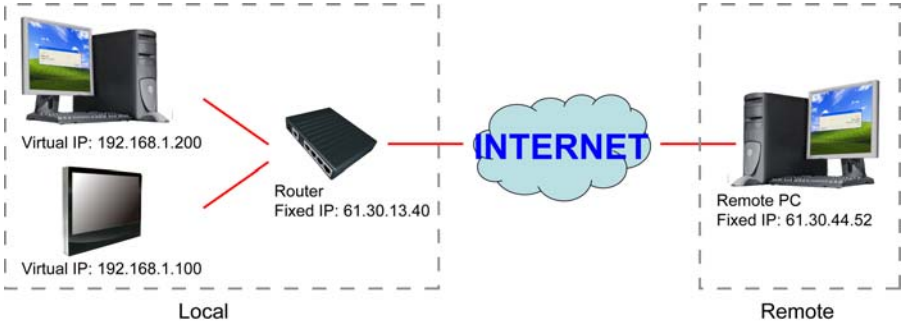


Step 11: Select the file you want to play, and press “ENTER” or “PLAY” button on the remote control to play the file.

NOTE: If the media files shared from PC are not listed on screen, restart your PC.

8.4 DOWNLOAD / UPLOAD MEDIA FILES

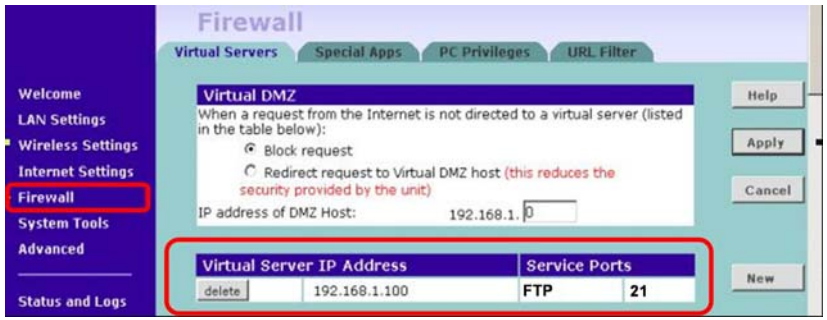
Method 1: Connect by IE Browser



Step 1: Confirm the “**IP Assigned by DHCP”** has been disabled, then enter the “**Network Setup**” item, and type IP Address (example. 192.168.1.100), Mask and Gateway for the PA15/ 17/ 19/ 22B1080P (refer to 7.1).

Step 2: Confirm the “**Local FTP Server**” function has been enabled (refer to 7.1).

Step 3: Please setup your router or firewall, and open a port 21 for the PA15/ 17/ 19/ 22B1080P. The following figure is an example, please refer to your user’s manual of router for opening ports.



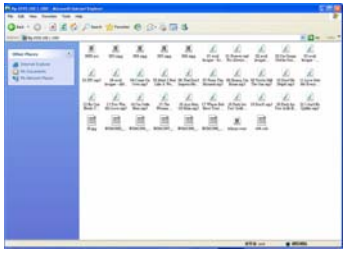
Step 4: Start IE Browser on PC and type the FTP site or IP:

In the local PC, please type “**ftp://192.168.1.100”.**

In the remote PC, please type “**ftp://61.30.13.40:21”.**

Step 5: Then type the “User Name” and “Password” and click “Log On” to log on to the PA15/ 17/ 19/ 22B1080P Server. (Default User Name: **root** Default Password: **admin)**

Step 6: After logging on, all the media files in the CF card on the PA15/ 17/ 19/ 22B1080P will be listed. You can download and upload the media files between CF card and your PC.

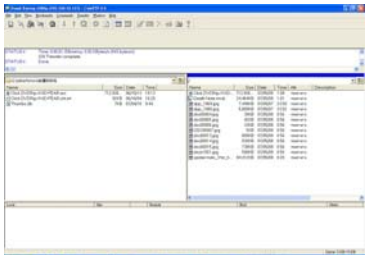


NOTE: After file being download/ upload will stop playing. After downloading files, the PA15/ 17/ 19/ 22B1080P will display the movie files automatically.

Method 2: Connect by FTP Tools

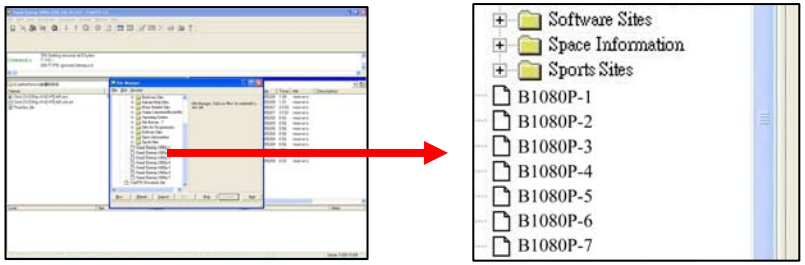
For example.

- If there are multiple PA15/ 17/ 19/ 22B1080P, you can use the "**CuteFTP**" tool to connect and manage files easily.

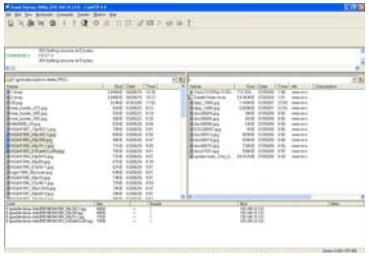


CuteFTP

- You can create all the PA15/ 17/ 19/ 22B1080P, and only select the PA15/ 17/ 19/ 22B1080P that you want to connect in the list.



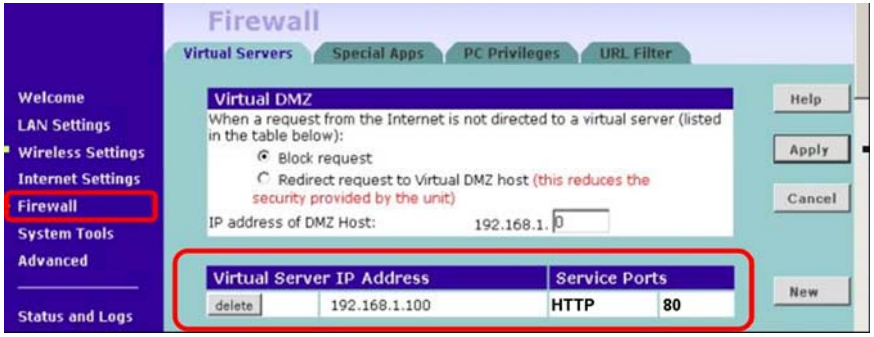
- Select the files you want upload to the PA15/ 17/ 19/ 22B1080P, or download the files to your PC.



NOTE: After file being download/ upload will stop playing. After downloading files, the PA15/ 17/ 19/ 22B1080P will display the movie files automatically.

9. HTTP COMMAND FUNCTION

- Confirm that the PA15/ 17/ 19/ 22B1080P is already connected to the network. (Refer to 7.1)
- Confirm the "**Local HTTP Server**" function has been enabled, and the "**Local HTTP Server Setup**" set has been completed (refer to 7.2).
- Set your router or firewall, and open a port 80 for the PA15/ 17/ 19/ 22B1080P. The following figure is an example, please refer to your user's manual of router for opening ports.

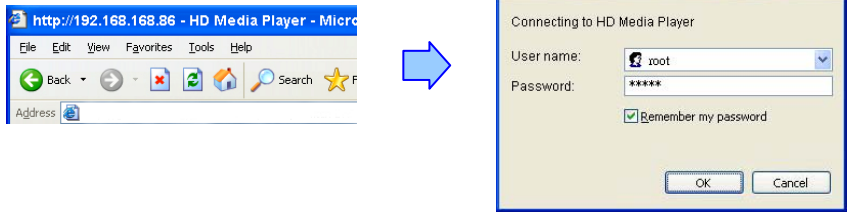


- **Start IE Browser on PC and type the HTTP site or IP：**

  In the local PC, please type "http://192.168.1.100".

  In the remote PC, please type "http://61.30.13.40:80".

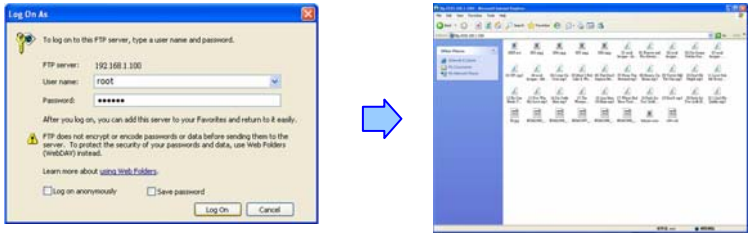
- Type the "User Name", "Password" and click "OK" to log on. **(Default User Name:** root **Default Password:** admin)



- There are three items: "Player Control", "Network Setup" and "Timer Setup" in the window.

9.1 PLAYER CONTROL

- **Power State:** Turn on/ off the PA15/ 17/ 19/ 22B1080P.
- **Check State:** Check the current state of PA15/ 17/ 19/ 22B1080P
- **Playback Control:** Control the PA15/ 17/ 19/ 22B1080P to play file/ stop playback/ pause the playback/ play the previous file/ play the next file/ rewind movie/ forward movie.
- **Play File:** Enter the file name that you want play, and click “Send” to play the file immediately.
- **Repeat File:** Select the repeat mode.
- **Auto Download:** Click “Send” to execute the auto download function immediately.
  NOTE: The “FTP Auto Download” function must be turned on and completed set.
- **Stop Auto Download:** Click “Send” to stop the auto download function immediately.
- **Connect FTP Server:** Click the FTP server address to connect to the PA15/ 17/ 19/ 22B1080P, and enter the user name and password (**Default User Name:** root, **Default Password:** admin) to log on. After logging on all the media files in the CF card on the PA15/ 17/ 19/ 22B1080P will be listed. You can download and upload the media files between CF card and your PC.

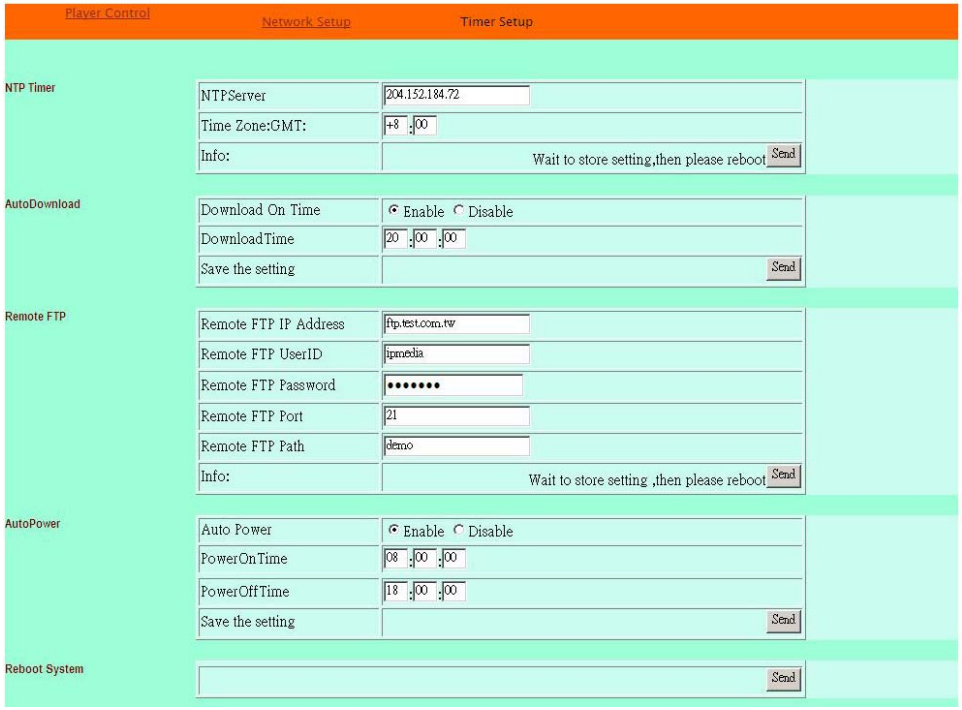


- **Volume Control:** Enter the value for volume (0-30).
- **Auto Play:** Select the auto play mode (Movies/ Pictures/ /Multi Layer/ Video In/ Off).
- **Format CF Memory Card:** Directly format the CF card.
- **Reboot System:** Click “Send” to reboot the PA15/ 17/ 19/ 22B1080P immediately.

9.2 NETWORK SETUP

- **Network Interface:** Select your network connection Disable/ RJ45 (Wi-Fi function only for PA15/ 17/ 19/ 22B1080PW).
- **DHCP:** Enable/ Disable the DHCP function.
- **IP Address:** Enter the fixed IP address, Mask, Gateway and DNS for the PA15/ 17/ 19/ 22B1080P.
- **FTP Server:** Enable/ Disable the FTP Server function. You can also change the User ID, Password and port of the FTP Server.
- **HTTP Server:** Enable/ Disable the HTTP Server function. You can also change the User ID, Password and port of the HTTP Server.
- **Media Player 11:** Enable/ disable the Media Player 11 server.
- The **“WiFi Encryption Mode”** and **“WiFi SSID”** items only for PA15/ 17/ 19/ 22B1080PW.
- **Reboot System:** After setting, click **“Send”** to reboot the PA15/ 17/ 19/ 22B1080P.

9.3 TIMER SETUP

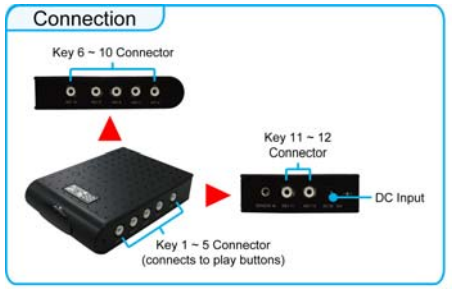


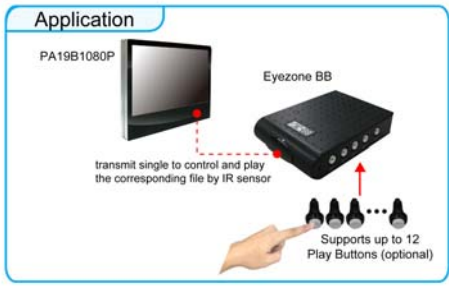
- **NTP Server:** Set the NTP Server.
- **Auto Download:** Set the auto download time.
- **Remote FTP:** Set the Remote FTP Server.
- **Auto Power:** Enable/ disable the auto power on/ off function and set the time of power on/ off.
- **Reboot System:** After setting, click **"Send"** to reboot the PA15/ 17/ 19/ 22B1080P.

10. OPTIONAL AUXILIARY EQUIPMENT

10.1 PLAY-BUTTON BOX (Eyezone BB)

- The Play Button Box (Eyezone BB) supports up to 12 play-button inputs.
- Press one of the play buttons to play the corresponding file.
- **Hardware Connection**





- **Play the Media File By the Play-Button**

ex. 5 Play-Buttons (supports up to 12 play buttons)

Step 1: Put 6 demo files on CF card. (1 default file and 5 demo files)

NOTE: The files are sorted by filename in ascending order alphanumerically (numbers < upper case letters < lowercase letter). Each button is mapped to a file by this order.

For Example：

There are 6 demo files on the CF card. The file names are **a01.xxx**, **33.xxx**, **b55.xxx**, **1abc.xxx**, **07.xxx** and **A01.xxx**. (xxx is extension of the file)

Default File：07.xxx　　Demo File 1：1abc.xxx　　Demo File 2：33.xxx

Demo File 3：A01.xxx　　Demo File 4：a01.xxx　　Demo File 5：b55.xxx

Step 2: Insert the CF card to the PA15/ 17/ 19/ 22B1080P, and the PA15/ 17/ 19/ 22B1080P will play the default file automatically while powered on.

Step 3: Press one of the buttons 1-5 to play the corresponding demo file.

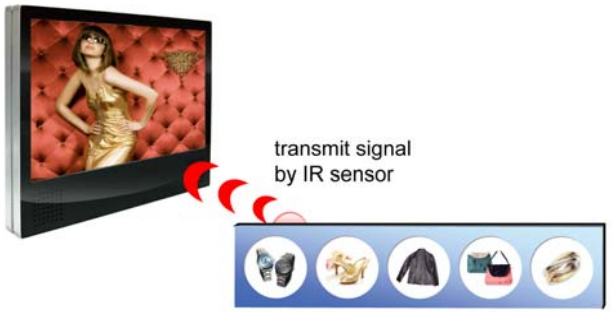
Step 4: The PA15/ 17/ 19/ 22B1080P supports two options (Repeat Default / Repeat All) when the demo file finishes playing. The functions can be set in the setup menu. (Other Setup → Play Button)

- **Repeat Default:** The PA15/ 17/ 19/ 22B1080P will automatically play the default file when the demo file finishes playing.
- **Repeat All:** The PA15/ 17/ 19/ 22B1080P will automatically play all the demo files when the demo file finishes playing.

10.2 TOUCH-SENSOR BUTTONS

10.2.1 Features of the Touch-Sensor Buttons

- The number of touch-sensor buttons can be customized to 12, 24 or 36 for OEM project.
- Used with various operating environment (glass, plastics and acrylic material, except metal material), the thickness supports 3mm -5mm, and it can be customized to 5cm for OEM project.



5 Touch-Sensor Buttons (wireless)

10.2.2 Demo Files

Ex. Using the wireless 5 Touch-Sensor Buttons

- Put 6 demo files on CF card. (1 default file and 5 demo files)

NOTE: The files are sorted by filename in ascending order alphanumerically (numbers < upper case letters < lowercase letter). Each button is mapped to a file by this order.

For Example：

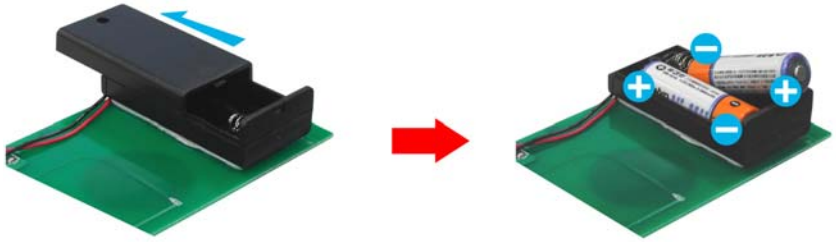
There are 6 demo files on the CF card. The file names are **a01.xxx**, **33.xxx**, **b55.xxx**, **1abc.xxx**, **07.xxx** and **A01.xxx**. (xxx is extension of the file)

Default File：07.xxx　　Demo File 1：1abc.xxx　　Demo File 2：33.xxx

Demo File 3：A01.xxx　　Demo File 4：a01.xxx　　Demo File 5：b55.xxx

10.2.3 Connect to the Touch-Sensor Buttons

- Open the battery cover and set the batteries (AA size) as shown below. Please note that the polarity of the battery.



10.2.4 Play the Demo Files

Step 1: Insert the CF card to the PA15/ 17/ 19/ 22B1080P, and the PA15/ 17/ 19/ 22B1080P will play the default file automatically while powered on.

Step 2: Press one of the touch-sensor buttons 1-5 to play the corresponding demo file.

Step 3: The PA15/ 17/ 19/ 22B1080P supports two options (Repeat Default / Repeat All) when the demo file finishes playing. The functions can be set in the setup menu. (Other Setup → Play Button)

- **Repeat Default:** The PA15/ 17/ 19/ 22B1080P will automatically play the default file when the demo file finishes playing.
- **Repeat All:** The PA15/ 17/ 19/ 22B1080P will automatically play all the demo files when the demo file finishes playing.

11. TROUBLESHOOTING

Situation	Check Point
No Picture	1. Check power cable and power switches. 2. Make sure the file format on the CF card is correct
No Response From the Remote Control	1. Ensure that there are 2 batteries (AAA size) in the remote control and they are inserted the correctly. 2. Check for any barrier between the remote control and the product.
No sound	1. Check if the mute function is on. 2. Check if the volume is set properly.
No Responding while pressing the wireless touch – sensor buttons	1. Confirm the polarity of the battery.
Network Not Working	1. Check your IP settings on the Network Setup page. (refer to 7.1) 2. If using wired network, make sure the network cable is plugged in on both the unit and your network hub.